


00/90/60

|                      |          |
|----------------------|----------|
| 385                  | 18       |
| Class                | Subclass |
| ISSUE CLASSIFICATION |          |

PATENT NUMBER  
2 6587612  
6587612

## U.S. UTILITY Patent Application

|  |                                       |
|--|---------------------------------------|
| <p>O.I.P.E.</p> <p>SCANNED <u>MTT</u> Q.A. <u>RG</u></p> | <p>PATENT DATE</p> <p>JUL 01 2003</p> |
|--|---------------------------------------|

|                              |            |              |                |                  |  |
|------------------------------|------------|--------------|----------------|------------------|--|
| APPLICATION NO.<br>09/656092 | CONT/PRIOR | CLASS<br>385 | SUBCLASS<br>18 | ART UNIT<br>2874 | EXAMINER<br> |
|------------------------------|------------|--------------|----------------|------------------|--|

APPLICANT'S

Joseph Mitchell  
Martin Wuest

Knauß

**TITLE**

Thermally actuated spectroscopic optical switch

PTO-2040  
12/89

| ISSUING CLASSIFICATION       |                |          |    |                    |                                   |     |  |  |  |  |  |
|------------------------------|----------------|----------|----|--------------------|-----------------------------------|-----|--|--|--|--|--|
| ORIGINAL                     |                |          |    | CROSS REFERENCE(S) |                                   |     |  |  |  |  |  |
| CLASS                        |                | SUBCLASS |    | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |     |  |  |  |  |  |
| 85                           | <del>385</del> | 18       |    | 385                | 18                                | 17  |  |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |                |          |    | 359                | 223                               | 224 |  |  |  |  |  |
| 60                           | 20             | 61       | 26 |                    |                                   |     |  |  |  |  |  |
| 60                           | 20             | 61       | 42 |                    |                                   |     |  |  |  |  |  |
|                              |                |          |    |                    |                                   |     |  |  |  |  |  |
|                              |                |          |    |                    |                                   |     |  |  |  |  |  |
|                              |                |          |    |                    |                                   |     |  |  |  |  |  |
|                              |                |          |    |                    |                                   |     |  |  |  |  |  |
|                              |                |          |    |                    |                                   |     |  |  |  |  |  |

☐ Continued on Issue Slip Inside File Jacket

|  |  |                           |   |                           |
|--|--|---------------------------|---|---------------------------|
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b>  | <b>DRAWINGS</b>  |                           | <b>CLAIMS ALLOWED</b>                       |                           |
|  | Sheets Drwg.<br><u>2</u>   | Figs. Drwg.<br><u>12</u>  | Print Fig.<br><u>6B</u>                     | Total Claims<br><u>22</u> |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.   | <u>[Signature]</u><br>(Assistant Examiner)   |                           | <u>1/29/03</u><br>(Date)                    |                           |
| <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____<br>_____<br>_____  | <u>[Signature]</u><br><b>HEMANG SANGHAVI</b><br><b>PRIMARY EXAMINER</b><br>_____<br>(Primary Examiner) |                           | <u>2-18-03</u> <u>BD</u><br><u>02-28-03</u> |                           |
|  |  |                           | <b>ISSUE FEE</b> <u>(w)</u>                 |                           |
| <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.  | _____<br>(Legal Instruments Examiner)  |                           | Amount Due<br><u>\$1300.00</u>              |                           |
|  |  |                           | Date Paid<br><u>4-23-02</u>                 |                           |
|  |  | <b>ISSUE BATCH NUMBER</b> |   |                           |
| <b>WARNING:</b><br>The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368 Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. |  |                           |   |                           |

Form PTO-436A  
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM

100-443887-100 (Attached in pocket on right inside flap)

(FACE)

BEST AVAILABLE COPY